

▶ 75 ohm Video Coaxial Cable (LV-77S)



Product Name

75 ohm Video Coaxial Cable

Model Number

LV-77S

Product Image

An amazingly flexible version of 8281F double shielded precision 75 ohm video coax. Typically used for longer cable runs between equipment, Canare LV-77S offers good return loss characteristics and excellent signal isolation. Available in 10 different non-glare PVC jacket colors.

- Broadcast Transmission.
- Analog and Digital.
- ENG/EFP.
- Inter-Rack Wiring.
- Video Patch Cords.
- Flexible Center Conductor: Stranded Bare Copper.
- Dielectric strips away clean from Conductor.
- Tightly Woven Braid Shield.
- Stays Flexible even in Subzero Weather.

MECHANICAL SPECIFICATIONS

Model	Std. Lng. ft. (m)	Wt. Std. Lng. lbs. (kgs)	Nominal O.D. in. (mm)	PVC Jacket Thickness in. (mm)	Brittle Point F° (C°)
LV-77S	500 (153)	32 (14.5)	.303 (7.7)	.035 (0.9)	-22 (-30)

(contd.) MECHANICAL SPECIFICATIONS

Model	Cond.-AWG (Qty./mil.)	Cond. O.D. in. (mm)	Dielectric Insulation Type*	Insulation O.D. in. (mm)	Shield Material Coverage
LV-77S	AC-#22 (7/10.24)	.030 (.7.7)	PE	.189 (4.8)	AC Braid >92%(inner) >95%(outer)

*Dielectric Strength = 1000V AC/1min. Insulation Resistance/3Mft = >1000M ohm.

ELECTRICAL PERFORMANCE

Model	Cond. D.C.R. ohm/1000ft (ohm/100m)	Shield D.C.R. ohm/1000ft (ohm/100m)	Nom. Cap. @1KHz (pF/m)	Nom. Imp. ohm	Nom. Attn. @10MHz dB/1000ft (dB/100m)	Velocity of Prop.
LV-77S	<15.3 (<5.0)	<1.8 (<0.6)	67	75	10 (3.4)	66%

COLORS AVAILABLE

Model	Black	Blue	Brown	Gray	Green	Orange	Purple	Red	White	Yellow
LV-77S	[+]	[o]	[o]	[o]	[o]	[o]	[o]	[o]	[o]	[o]

[+]=Standard Color, [o]=Available Color, ""=n/a

NOMINAL ATTENUATION VALUE										
Model	Lng. ft (m)	10M Hz dB	50M Hz dB	100M Hz dB	150M Hz dB	200M Hz dB	400M Hz dB	700M Hz dB	900M Hz dB	1.0G Hz dB
L-1.5C2VS	100 (100)	2.9 (9.6)	6.5 (21.5)	9.3 (30.4)	11.3 (37.2)	13.1 (42.9)	18.5 (60.7)	24.5 (80.3)	27.8 (91.1)	29.3 (96.0)
L-3C2VS	100 (100)	1.5 (4.9)	3.2 (10.4)	4.7 (15.5)	5.8 (19.0)	6.7 (21.9)	9.4 (31.0)	12.5 (41.0)	14.2 (46.5)	14.9 (49.0)
LV-61S	100 (100)	1.3 (4.2)	2.7 (9.0)	4.1 (13.3)	5.0 (16.3)	5.7 (18.8)	8.1 (26.6)	10.7 (35.1)	12.1 (39.8)	12.8 (42.0)
LV-77S	100 (100)	1.0 (3.4)	2.4 (7.8)	3.3 (10.8)	4.0 (13.2)	4.6 (15.2)	6.6 (21.5)	8.6 (28.4)	9.8 (32.3)	10.4 (34.0)

CRIMP PLUGS AND TOOLS MATRIX							
Model	CANARE 75 ohm Connectors			Cable Stripper		Crimp Tool	Die Set
	BNC	F	RCA				
L-1.5C2VS	BCP-C1	-	-	-	-	TC-1	TCD-1DB
L-3C2VS	BCP-A3	FP-C3	RCAP-C3A	TS-100E	TS-3C	TC-1	TCD-35CA
LV-61S	BCP-A4	FP-C4	RCAP-C4A	TS-100E	TS-4C	TC-1	TCD-451CA
LV-77S	BCP-A77	-	RCAP-C77	TS-100E	TS-5C	TC-1	TCD-5CF